



**NATIONAL
WEATHER
SERVICE**

NWS Partners Summer Webinar Series

A Change in the Weather: NWS Updates and the 2020 Atlantic Hurricane Season

August 4, 2020



Today's Webinar Agenda

- Welcome and logistics
- Panel Introductions and Remarks
- Open discussion
- Wrap-up



Peyton Robertson
Director
Office of Organizational
Excellence
National Weather Service



Andrea Bleistein
Partner Engagement Lead
Office of Organizational
Excellence
National Weather Service



Webinar Logistics: How to join the discussion!



- If using the phone for audio, please be sure to enter your audio pin. If you did not do it when you called in, type #PIN# into your phone now.



- All lines will remain muted until the open discussion.



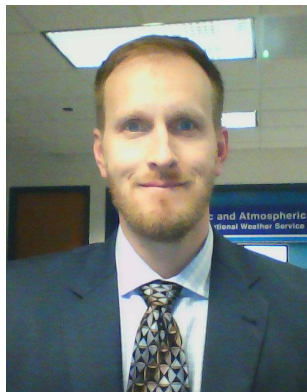
- We are recording the webinar for posting later.



Welcome to our Panelists



Mary Erickson
Deputy Director
National Weather Service



Shawn Smith
Meteorologist / Emergency
Response Specialist
National Weather Service
Operations Center



Michael Manning
President and CEO
Greater Baton Rouge
Food Bank



NWS Updates



Updates

**Dissemination
Infrastructure**



Safety

**Reliable Service Continues
Cautious Phasing of Employees**



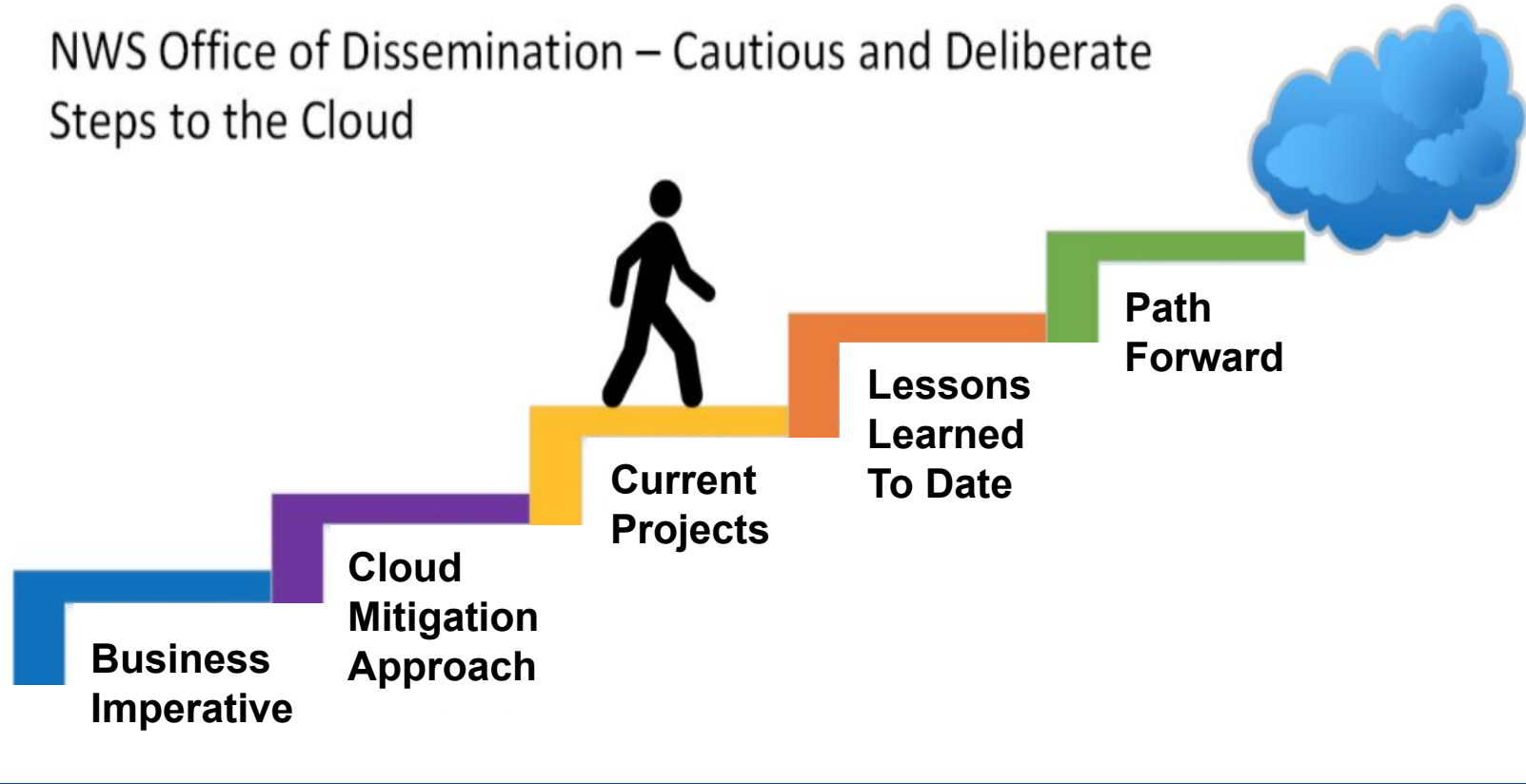
Resilience

**Multi-hazard Events
Thought Process**



NWS Updates: Dissemination

NWS Office of Dissemination – Cautious and Deliberate Steps to the Cloud



Planned NWSChat Improvements

Use approved Congressional reprogrammed funds to:

- Improve the stability and reliability of NWSChat (FY20), and
- Transition it to the NWS private-cloud infrastructure (IDP) in College Park, MD and Boulder, CO (FY21)

Short-Term Goals (FY20)

Stabilize on legacy infrastructure

Enhance Performance

Upgrade System Components

Update “Rules of Behavior”

Medium-Term Goals (FY21)

Execute Software Development Lifecycle

Transition to on-premise private cloud infrastructure

Reduce failover time from 2 hours to 10 minutes

NWS Updates: Infrastructure West Geostationary Satellite



GOES-17 ABI Loop Heat Pipe (LHP) issue:

- GOES-15 imagery will be available from Aug 9 - Sep 3 to mitigate LHP
- Worst GOES-17 imagery will be overnight around Aug 29



GOES West:
Summer Solstice

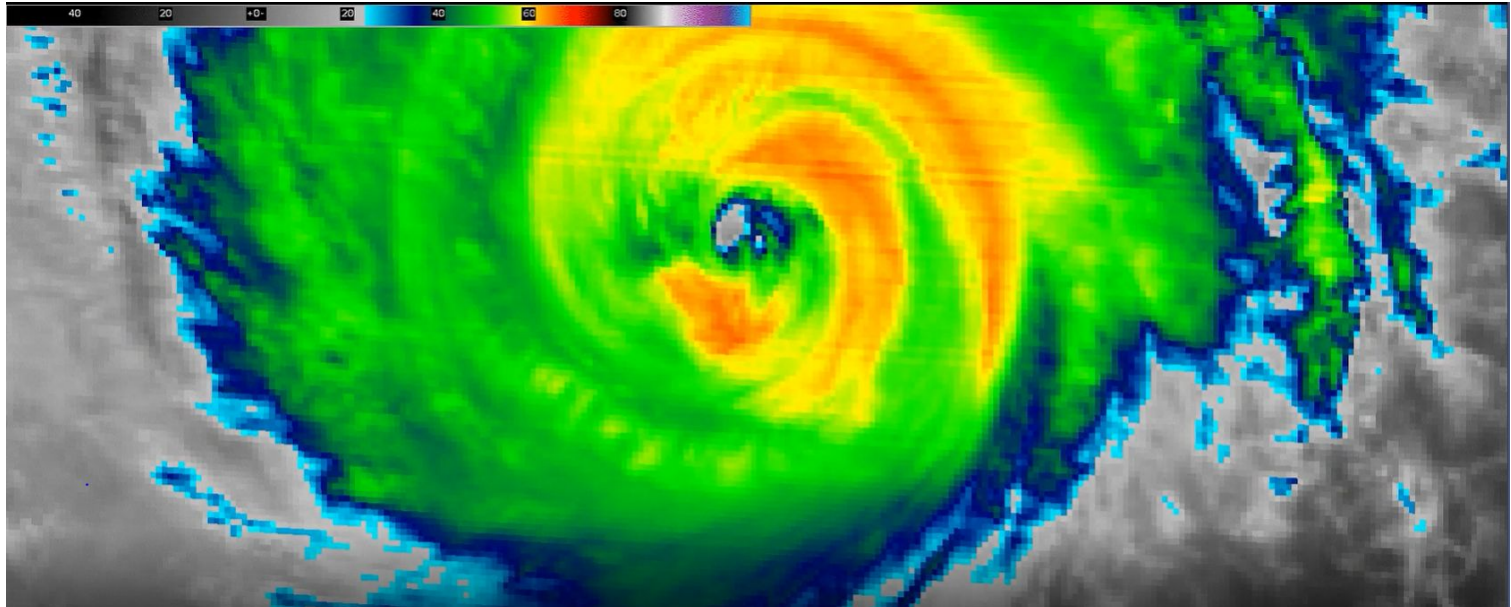


NWS Updates: Infrastructure

West Geostationary Satellite

Evidence of LHP issue during Hurricane Douglas:

- Horizontal banding in imagery



NWS Updates: Reintegration

- **Smart** - driven by science, data, local input
- **Steady** - slow process to ensure stability
- **Flexible** - will adapt to prioritize safety



NWS Corpus Christi prepares for Hanna



Minimum 14 Day Phase Progression
 Details on criteria for and execution of future phases may be updated as new information becomes available.

CRITERIA

Downward trajectory of COVID symptoms & positive tests. • Adequate PPE to execute NOAA missions safely. Local hospitals have capacity to treat all patients without crisis care. • No evidence of a rebound in cases.

NOAA

Phased Response

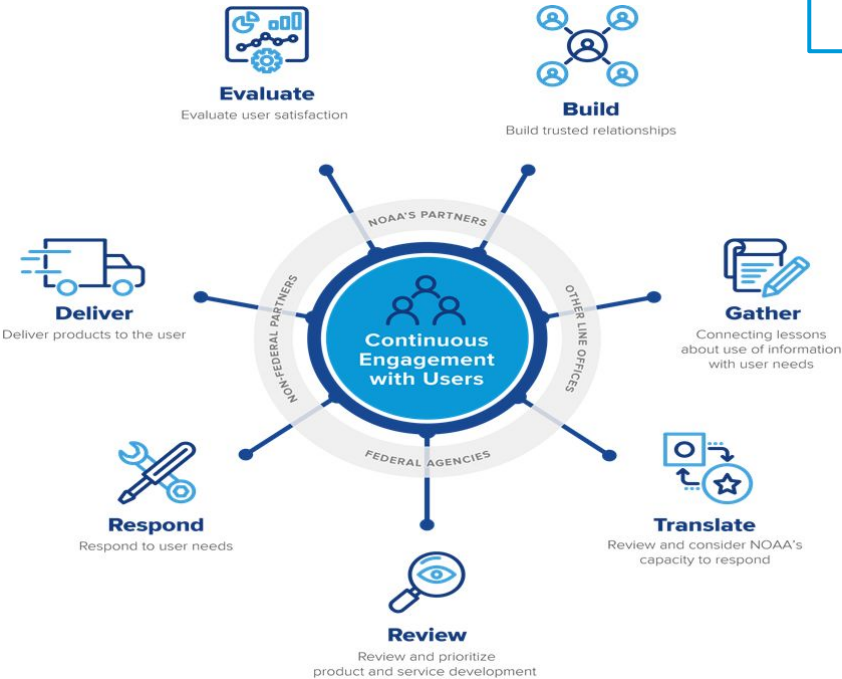
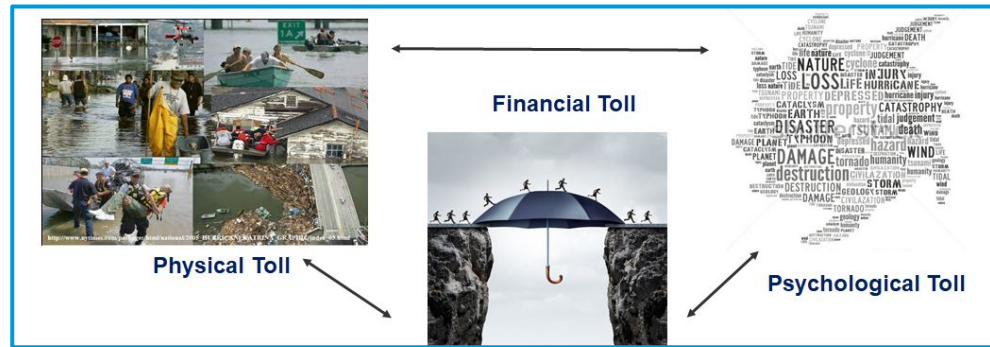
MISSION
HEALTH
FACILITIES
TELEWORK
EVENTS

	PHASE 0	PHASE 1	PHASE 2	PHASE 3
MISSION	MISSION ESSENTIAL ACTIVITIES	MISSION CRITICAL ACTIVITIES	SUPPORT ACTIVITIES	ALL ACTIVITIES
HEALTH	FACE COVERING REQUIRED			REEVALUATE NEED
	PHYSICAL DISTANCING			
	FREQUENT HANDWASHING			
	POSITIVE CASE FOLLOW-UP			REEVALUATE NEED
FACILITIES	RESTRICTED STAFF ACCESS	UP TO 25% OCCUPANCY	UP TO 50% OCCUPANCY	NORMAL OCCUPANCY
	NO PUBLIC ACCESS		LIMITED PUBLIC ACCESS	NORMAL PUBLIC ACCESS
	COMMON AREAS CLOSED		LIMITED COMMON AREA ACCESS	COMMON AREAS OPEN
TELEWORK	MANDATORY	MAXIMUM	ENCOURAGED <i>MAXIMUM EXTENT POSSIBLE</i>	ENCOURAGED
TRAVEL	SUSPENDED <i>EMERGENCIES REQUIRE DUS and UNSEC APPROVAL</i>	MISSION ESSENTIAL MISSION CRITICAL <i>LO/SO APPROVAL REQUIRED</i>	MISSION ESSENTIAL MISSION CRITICAL	REDUCED TRAVEL
EVENTS	VIRTUAL & REMOTE ONLY	VIRTUAL & REMOTE ONLY	VIRTUAL & REMOTE ONLY	VIRTUAL & REMOTE WHEN POSSIBLE <i>REDUCE LARGE GATHERINGS</i>

RETURN TO NORMAL OPERATIONS

This overall guidance for a phased return to onsite work can vary by location and may evolve based on data from local/state governments and public health officials.

Multi-Hazard Resiliency



Pandemic & Weather:

- What questions do we ask ourselves?
- Critical role of our partners

2020 Atlantic Hurricane Season

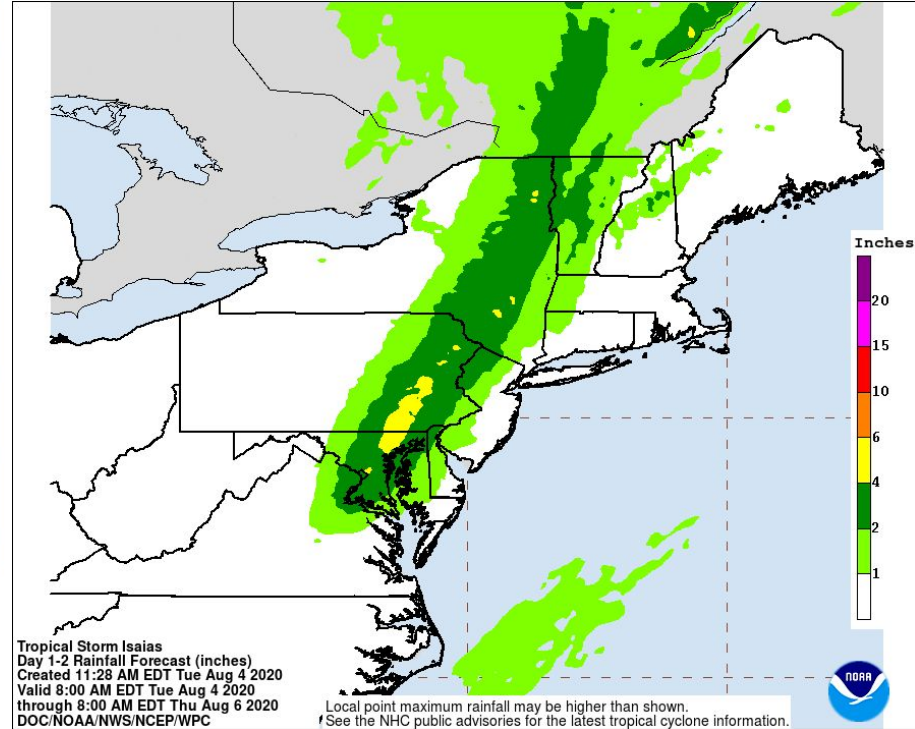
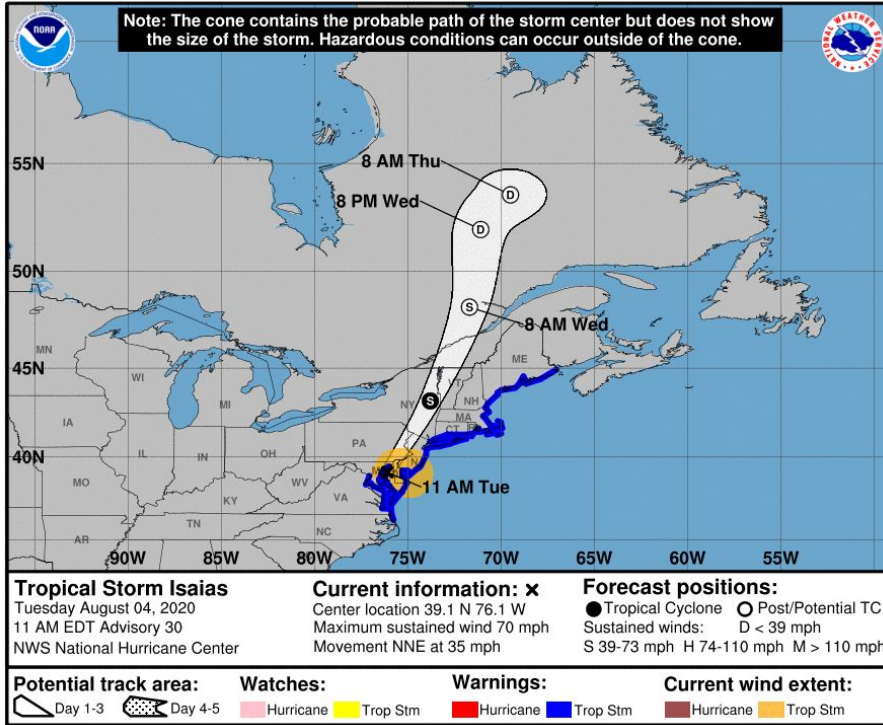


Centers for Disease Control and Prevention

CDC 24/7: Saving Lives, Protecting People™



Tropical Storm Isaias



Michael Manning



GREATER BATON ROUGE

FOOD BANK

MEMBER OF
FEEDING[®]
AMERICA



National
Voluntary Organizations
Active in Disaster



Open Discussion

Please speak up to ask a question. You'll have to unmute yourself. Or use the **question box** or **hand-raise option**. Only 25 lines can be unmuted so if you are not speaking - please keep yourself muted.

If we don't get to you, enter your comment in the "Questions" box or email andrea.bleistein@noaa.gov after the webinar



Wrap Up - What's coming



NWS Summer Webinar Series Dates:

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- August 11, 2020: Managing Operational Risk and the Supply Chain
 - August 18, 2020: Research and Undergraduate Learning
 - August 25, 2020: Trends and Themes for the Workforce
- 



THANK YOU!!

